

CINCHONIDINE BASE

Buchler specification

APPEARANCE

White or almost white or colourless, fine, silky needles, often in clusters

PARAMETER

LIMIT

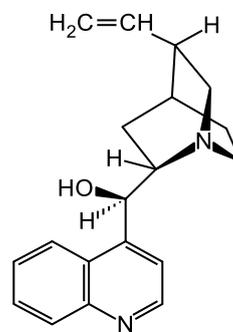
Identification	passes
A. Retention time - HPLC	
Solubility in toluene	clear solution
pH	7.0 to 9.0
Chloroform-alcohol-insoluble substances	≤ 0.1 %
Loss on drying	≤ 1.0 %
Specific optical rotation (on dry basis, c = 2.0 in 0.2 M HCl, $[\alpha]^{20}_D$)	- 162° to - 189°
Other Cinchona alkaloids (HPLC) ∑ Quinine + Dihydroquinine	≤ 5.0 %
Sulfates	≤ 500 ppm
Chlorides	≤ 200 ppm
Sulfated ash	≤ 0.1 %
Heavy metals	≤ 10 ppm
Assay (on dry basis)	98.5 to 101.0 %
Melting point	200 to 207 °C
Residual solvents	meets the pharmacopoeial requirements

ORIGIN

Product is made in Germany.

CHEMICAL DATA

Formula C₁₉H₂₂N₂O
CAS Number 485-71-2



STANDARD PACKAGING

25 kg Unit
Outer container Fiber drum
Outer liner LDPE
Inner liner LDPE

STABILITY

Product is stable for 5 years from date of production if stored under recommended conditions in original packaging.

STORAGE

Store in the original packaging to protect from light. No specific temperature requirements.

VERSION / VALID FROM

01 / 07.04.2022